

IN THE CLAIMS

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please **AMEND** claims in accordance with the following:

1. (currently amended) A client/server system comprising:

a server, comprising:

software to generate operating instructions for a client-side I/O device;

a device driver to generate a control signal for the client-side I/O device based on the operating instructions; and

a virtual I/O port to directly transmit the control signal for the client-side I/O device and to directly receive an I/O event from the client-side I/O device, to directly control the client-side I/O device; and

a client in communication with the client-side I/O device, comprising:

a device handler to directly receive from the server the control signal from the virtual I/O port in the server, to control the client-side I/O device based upon system resources in the server ~~on the control signal received from the virtual I/O port in the server~~, and to directly transmit the I/O event received from the client-side I/O device to the virtual I/O port in the server.

2. (PREVIOUSLY PRESENTED) The client/server system according to claim 1,

wherein the device driver in the server controls the client-side I/O device via a client-side I/O port on the client, and

wherein the virtual I/O port in the server provides the device driver in the server with an interface having the same function as the client-side I/O port by transmitting the control signal for the client-side I/O device from the device driver in the server to the device handler in the client and informing the device driver in the server of the I/O event received from the client-side I/O device via the client-side I/O port.

3. (CURRENTLY AMENDED) A server, comprising:
software to generate operating instructions for a client-side I/O device coupled with a client;
a device driver to generate a control signal for the client-side I/O device based on the operating instructions; and
a virtual I/O port to directly transmit the control signal from the device driver in the server to a client-side device handler of the client, ~~which is the client-side device handler~~ in communication with the client-side I/O device, and to directly receive from the device handler an I/O event received from the client-side I/O device, ~~to directly control the client-side I/O device~~.
4. (currently amended) A client, comprising:
a device handler to control a client-side I/O device coupled with the client based on a control signal directly received from a virtual I/O port on ~~the~~ ~~a server based upon system resources in the server~~, the control signal generated by a device driver in the server based on operating instructions generated by software on the server, and to directly transmit an I/O event received from the client-side I/O device to the virtual I/O port in the server.
5. (PREVIOUSLY PRESENTED) The client according to claim 4, further comprising:
at least one client-side I/O port, which is coupled with the client-side I/O device, and which is controlled by the device driver in the server.
6. (PREVIOUSLY PRESENTED) The client/server system of claim 1, wherein the client-side I/O device is a bar code reader.
7. (PREVIOUSLY PRESENTED) The client/server system of claim 1, wherein the client and server communicate via a LAN.
8. (PREVIOUSLY PRESENTED) The client/server system of claim 1, wherein the client and server communicate via the WWW.

9. (CURRENTLY AMENDED) A client/server system comprising:

a client comprising:

at least one I/O device, and

a programmed computer processor handling data communication, including an I/O event from the at least one I/O device, via an I/O port connected to the at least one I/O device; and

a server communicably connectable with the client and comprising:

a programmed computer processor handling data communication, including directly controlling the at least one I/O device of the client and directly handling the I/O event from the at least one I/O device of the client, via a virtual I/O port in the server to the at least one I/O device of the client.